

PLANT OPERATOR I

General Statement of Duties: Performs work in the operation of sewage treatment plant equipment and facilities on as assigned shift; does related work as required.

Distinguishing Features of the Class: Employees in this class read meters, take samples of sewage flow, operate pumps and other equipment and maintain the buildings and grounds of the sewage treatment plant. The Plant Operator I must possess the willingness and ability to perform tasks of progressively increasing difficulty. Work follows an established procedure and is under close supervision of the Superintendent of the Treatment Plant or Plant Operator II.

Examples of Work: (Illustrative only)

- Attends training courses and engages in independent study of sewage plant operations;
- Takes readings and learns how to make a variety of tests on raw, primary and final sewage;
- Pumps sludge at prescribed levels, checks digester level and draws off supernate when needed;
- Drives a dump truck to haul sludge;
- Makes operational checks on equipment at the sewage plant, pump houses and lift stations;
- Checks and adjusts float controls, starter switches, pumps and motors;
- Keeps equipment clean, lubricated and painted;
- Removes grease deposits, debris and sand from set wells;
- Drains and cleans de-gritters, clarifiers and pumps;
- Takes samples of sewage flow and assists in the analysis of settleable solids;
- Maintains inventory and property control files;
- Keeps records and makes reports;
- Performs safety stand-by duties when mechanics are working in a confined space/hazardous atmosphere area utilizing respirator/SCBA in emergency situations.

REQUIRED KNOWLEDGE, SKILLS AND ABILITIES: Some knowledge of the functions and servicing of mechanical equipment; willingness and ability to learn the processes involved in the treatment of raw sewage, including some chemical tests; ability to operate efficiently and safely all equipment and machinery used in wastewater treatment processes, inspect machinery and mechanical equipment and to detect flaws and defects in operation, ability to understand and follow oral and written instructions; good physical condition. Ability to wear respirator and/or SCBA (Self Controlled Breathing Apparatus).

ACCEPTABLE EXPERIENCE AND TRAINING: Any combination of experience and training which provides the required knowledge, skills and abilities. Must possess a

Class I Treatment Plant Operator's license issued by the State of Iowa. Must possess a valid Iowa driver's license.

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